

Name \_\_\_\_\_

Period \_\_\_\_\_

<p style="text-align: center;"><b>PS : ES</b> Hurricane Emily (July 2005)</p>
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The NOAA advisories for Hurricane Emily from 11 July thru 17 July, 2005 are listed below:

Date: 11-17 JUL 2005

Hurricane EMILY

ADV	LAT	LON	TIME	WIND	PR	STAT
<b>1</b>	<b>10.8</b>	<b>-42.9</b>	<b>07/11/03Z</b>	<b>25</b>	<b>1010</b>	<b>TROPICAL DEPRESSION</b>
2	10.8	-43.6	07/11/09Z	30	1010	TROPICAL DEPRESSION
3	10.3	-44.7	07/11/15Z	30	1008	TROPICAL DEPRESSION
4	10.6	-46	07/11/21Z	30	1008	TROPICAL DEPRESSION
5	11.3	-47	07/12/03Z	40	1003	TROPICAL STORM
<b>6</b>	<b>11.4</b>	<b>-48.6</b>	<b>07/12/09Z</b>	<b>40</b>	<b>1003</b>	<b>TROPICAL STORM</b>
7	11	-51.3	07/12/15Z	45	1000	TROPICAL STORM
8	11.1	-52.8	07/12/21Z	45	1000	TROPICAL STORM
9	10.7	-54.7	07/13/03Z	50	997	TROPICAL STORM
10	11.1	-56.3	07/13/09Z	50	997	TROPICAL STORM
<b>11</b>	<b>11.2</b>	<b>-58.1</b>	<b>07/13/15Z</b>	<b>50</b>	<b>1003</b>	<b>TROPICAL STORM</b>
12	11.4	-59.8	07/13/21Z	50	1003	TROPICAL STORM
13	11.9	-61.1	07/14/03Z	80	992	HURRICANE-1
14	12.3	-62.3	07/14/09Z	80	991	HURRICANE-1
15	12.7	-64	07/14/15Z	85	976	HURRICANE-2
<b>16</b>	<b>13.3</b>	<b>-65.9</b>	<b>07/14/21Z</b>	<b>100</b>	<b>968</b>	<b>HURRICANE-3</b>
17	13.6	-67.5	07/15/03Z	110	957	HURRICANE-3
18	13.9	-69.2	07/15/09Z	115	952	HURRICANE-4
19	14.4	-70.9	07/15/15Z	110	968	HURRICANE-3
20	14.7	-72.8	07/15/21Z	90	969	HURRICANE-2
<b>21</b>	<b>15.1</b>	<b>-74.2</b>	<b>07/16/03Z</b>	<b>115</b>	<b>954</b>	<b>HURRICANE-4</b>
22	15.6	-75.8	07/16/09Z	120	950	HURRICANE-4
23	16.2	-77.3	07/16/15Z	125	943	HURRICANE-4
24	16.8	-78.8	07/16/21Z	135	937	HURRICANE-4
25	17.5	-80.3	07/17/03Z	135	930	HURRICANE-4
<b>26</b>	<b>18</b>	<b>-82</b>	<b>07/17/09Z</b>	<b>130</b>	<b>938</b>	<b>HURRICANE-4</b>

1. Write down 3 questions about the data or the data table that you need to have answered in order to understand the data.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2. On the accompanying map, plot the position of Hurricane Emily at each of the 6 **bold faced** advisories. Label each point with the advisory number, and connect the points with a smooth line.

3. Based upon the data table and/or the map, make and write down 3 observations about Hurricane Emily.

1. \_\_\_\_\_

2. \_\_\_\_\_

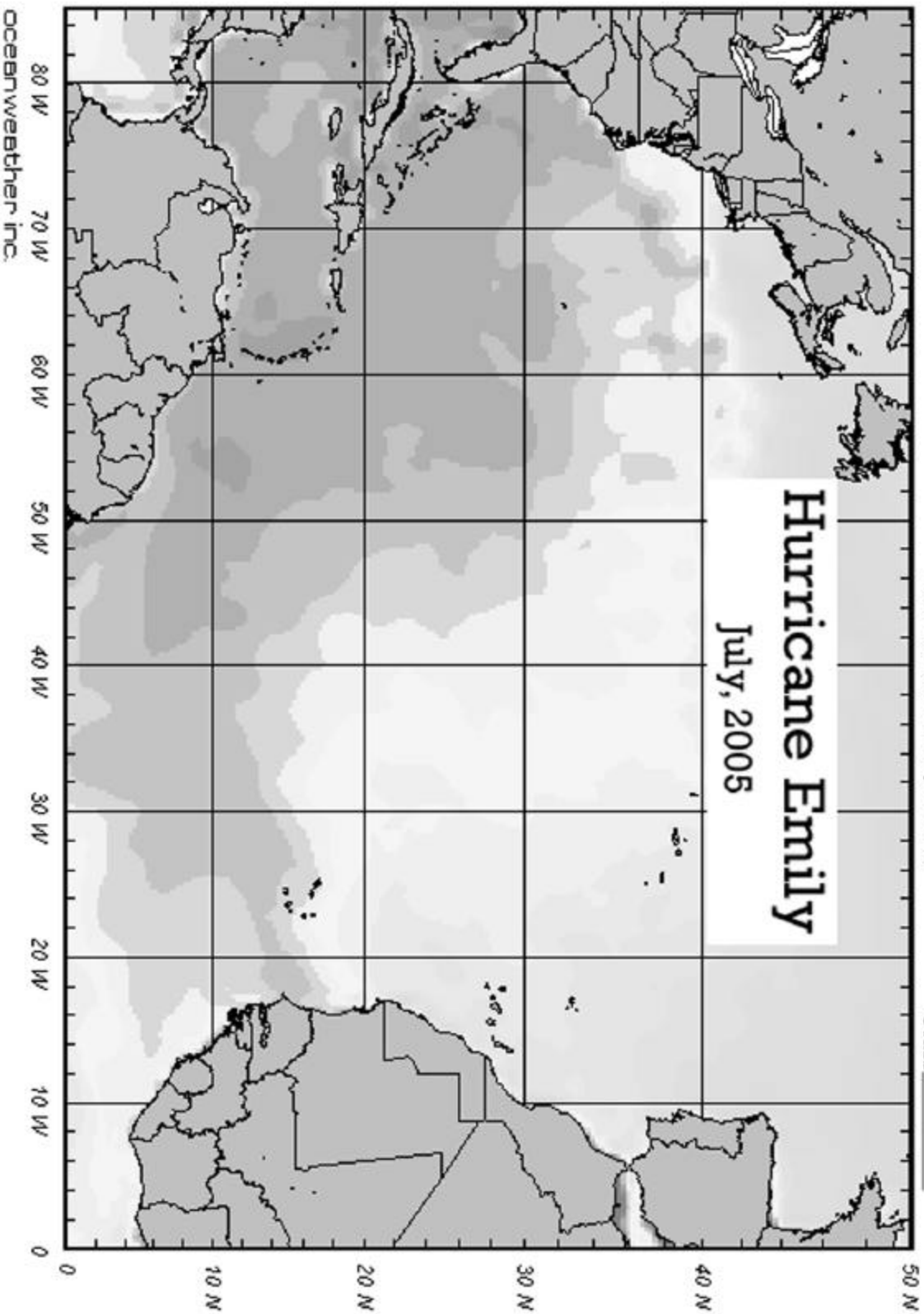
3. \_\_\_\_\_

Name \_\_\_\_\_

Sea Surface Temperature Class \_\_\_\_\_

# Hurricane Emily

July, 2005



Sea Surface Temperature (C)  
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

Sea Surface Temperature (F)  
32 38 44 50 56 62 68 74 80 86 92